



ERNDIMQA - ANNUAL REPORT

Amino acids 2011

ERN392 - Tanyalcin Medical Laboratory - Selective Screening and Metabolism Unit

Methodset : Biochrom 30 AAA

Analyte	Accuracy (mean)		Precision (CV% duplicates)		Linearity (r)		Recovery (%added analyte)		Data All Labs	
	Your Lab	All Labs	Your Lab	All Labs	Your Lab	All Labs	Your Lab	All Labs	n	Interlab CV
2-Aminobutyric acid	25.0	25.2	4.6%	7.9%	0.998	0.995	94%	92%	199	15.5%
5-Aminolevulinic acid		74.5		7.6%		0.993		95%	76	19.3%
Alanine	486	492	3.9%	4.7%	0.999	0.998	96%	98%	242	9.10%
Alloisoleucine	109	124	5.1%	5.9%	0.999	0.999	82%	93%	181	12.6%
Arginine	254	250	8.8%	4.9%	0.998	0.999	98%	96%	237	10.3%
Asparagine	118	99.8	11.5%	7.8%	0.993	0.994	126%	107%	231	23.8%
Aspartic Acid	34.3	38.4	3.9%	7.6%	0.987	0.981	68%	75%	238	20.0%
Aspartyl glucosamine		26.9		10.4%		0.988		93%	55	38.6%
Citrulline	247	252	5.8%	5.5%	0.999	0.999	94%	96%	233	12.1%
Cystine	39.5	40.8	4.8%	6.8%	0.998	0.997	74%	74%	217	12.4%
Glutamic acid	110	110	12.3%	6.2%	0.994	0.996	100%	94%	241	11.8%
Glutamine	603	596	3.2%	6.2%	0.999	0.996	96%	95%	234	11.0%
Glycine	540	562	2.1%	4.5%	1.000	0.998	89%	95%	242	8.65%
Histidine	224	220	2.3%	5.6%	1.000	0.998	95%	94%	238	10.2%
Hydroxyproline	N/A	87.6	19.1%	7.2%	N/A	0.995	N/A	99%	203	11.3%
Isoleucine	171	174	2.4%	4.8%	1.000	0.999	87%	88%	243	8.42%
Leucine	333	324	1.2%	4.4%	1.000	0.999	94%	91%	242	8.94%
Lysine	283	281	1.0%	4.6%	1.000	0.999	89%	89%	242	9.07%
Methionine	243	244	0.9%	4.8%	1.000	0.999	92%	92%	241	10.8%
Ornithine	218	210	0.9%	4.6%	1.000	0.999	101%	97%	241	8.83%
Phenylalanine	390	400	2.2%	4.9%	1.000	0.999	91%	93%	245	11.3%
Proline	326	322	8.1%	6.0%	0.998	0.999	97%	93%	221	11.3%
Serine	95.2	96.0	2.8%	6.0%	0.966	0.961	81%	82%	242	9.52%
Taurine	181	184	1.6%	4.7%	1.000	0.998	92%	97%	225	8.91%
Threonine	139	139	0.9%	4.8%	1.000	0.998	87%	88%	240	8.21%
Tryptophan	109	101	4.1%	8.4%	0.997	0.982	92%	85%	178	15.1%
Tyrosine	244	244	0.9%	4.6%	1.000	0.999	88%	89%	245	9.29%
Valine	329	336	1.1%	4.5%	1.000	0.999	93%	94%	244	8.02%
Overall	234	216	4.4%	5.9%	0.997	0.995	92%	92%	218	12.7%